BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Measurement Sheet

First and Part

Item No:	86									
Item Name:	SUPPLYING AND FIXING OF ROLLING BARREL DOUBLE OF SAFE AEA : 2.8MTR X 1.5MTR OF CENTRE PIPE: 100 NB GI B-Class Pipe, SEAT FRAME : 32 NB GI B-Class Pipe, BACK REST: LLDP Plastic, SEAT REST: LLDP Plastic, FOOT REST: LLDP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMELESS Pipe & Round Bar, BEARING: PERMANANT SEALED OF REPUTED MAKE (FAG/SKF), NUT BOLTS CAP : Nylon 66 injection moulded, NUT BOLTS : HIGH TENSILE STEEL, GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK									
	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
			2						2.00	
								Total Qty Work Done	2.00	No's
								Qty Payable in this bill	2.00	No's

Contractor Representative

Consultant Representative

Assistant Engineer

Asst. Executive Engineer
Yashwanthpura Sub Division

Asst. Executive Engineer
Yeshwanthpura Sub Division
Bruhat Bangalore Mahanagara Palike

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Item No: 87

Measurement Sheet
First and Part

Item Name: Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification

CHAINAGE / Land Mark	NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
Gym Platform								
Steps	1.00	0.70			2.10		1.47	
	1.00	1.00			1.90		1.90	
	1.00	1.55			4.00		6.20	
	1.00	31.00			2.30		71.30	
Platform Concrete								
30+9.30	1.00	39.30			6.94		272.74	
For Seating Platform at Outdoor Gym 1(Jp Park Main Gate)								
Platform	1.00	21.50			1.15		24.73	
Outdoor Gym 2								
Gym Platform (3.1412	1.00	131.90					131.90	
For Seating Platform at Outdoor Gym 2(JP Park Near Musical fountain)								
LHS Platform	1.00	15.55			1.14		17.73	
RHS Platform	1.00	13.00			1.14		14.82	
Pathway	1.00	14.90			2.35		35.02	
Outdoor Gym 3								
Gym Platform (3.1412	1.00	198.53					198.53	
For Seating Platform at Outdoor Gym 3(JP Park Muthayalanagar Gate)								
Platform	1.00	14.28			1.10		15.70	

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	CHAINAGE		NO	L	B	BI	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Pathway		1.00	6.25			2.50		15.63	
									-250.00	
									557.66	sqm
									557.66	sqm

Total Qty Work Done

Qty Payable in this bill

Contractor Representative

CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer

12/4/2021

Executive Engineer
Yeshwanthapura Sub Division
Bruhat Bangalore Mahanagara Palike

12/4/2021

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Measurement Sheet
First and Part

Item No: 88

Item Name: Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications(Page - 25/ Item no.5.6)

CHAINAGE		NO	L (m)	B (m)	Bl (m)	Avg B (m)	D (m)	QTY	REMARKS
Land Mark									
Play ground For Foundation		1	30.00	0.60	0.60	0.60	0.70	12.60	
		1	30.00	0.60	0.60	0.60	0.70	12.60	
		1	10.00	0.60	0.60	0.60	0.70	4.20	
							Total Qty Work Done	29.40	
							Qty Payable in this bill	29.40	Cum
									Cum

Contractor Representative

Consultant's Representative

Assistant Engineer

Asst. Executive Engineer
Yeshwanthpura Sub Division
Bruhat Bangalore Mahanagara

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Item No: 89

Measurement Sheet
First and Part

Item Name: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. (Page - 13/ Item no.4.6)

CHAINAGE		NO	L (m)	B (m)	Bl (m)	Avg B (m)	D (m)	QTY	REMARKS
Land Mark									
		21	0.60			0.60	0.90	6.80	
		1	17.40			7.30	0.10	12.70	
							Total Qty Work Done	19.51	Cdm
							Qty Payable in this bill	19.51	Cum

Contractor Representative

Consultant Representative

Assistant Engineer 22/3/2021

Asst. Executive Engineer 22/3/2021
Yeshwanthpura Sub-Division
Bruhat Bangalore Mahanagara P...

Executive Engineer
Yeshwanthpura Sub-Division

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Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other

BRUHAT BANGALORE MAHANAGARA PALIKE

Measurement Sheet

First and Part

Item No: 90

Item Name: Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification

CHAINAGE Land Mark	NO	L (m)	B (m)	Bl (m)	Avg B (m)	D (m)	QTY	REMARKS
For Seating Platform at Outdoor Gym 1(Jp Park Main Gate)								
Platform	1	21.50			1.15		24.73	
Outdoor Gym 2								
Gym Platform (3.1412*6.4	1						131.90	
			131.90					
For Seating Platform at Outdoor Gym 2(JP Park Near Musical fountain)								
LHS Platform	1	15.55			1.14		17.73	
RHS Platform	1	13.00			1.14		14.82	
Pathway	1	14.90			2.35		35.02	
Outdoor Gym 3								
Gym Platform (3.1412*15.9*15.9)/4=19	1						198.53	
			198.53					
For Seating Platform at Outdoor Gym 3(JP Park Muthayalanagar Gate)								
Platform	1	14.28			1.10		15.70	
Pathway	1	6.25			2.50		15.63	
Jalahaali Govt School								
Gym-1	1		3.14*12.3*12.3/4					
Gym-2	1	17.80			7.50		118.76	
gym-2 Deduction.	-1	1.20			1.20		133.50	
	-1	0.90			0.60		-1.44	
	-1	1.50			0.90		-0.54	
							-1.35	

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CHAINAGE / Land Mark	NO	L (m)	B (m)	BT (m)	Avg B (m)	D (m)	QTY	REMARKS
Flooring area	-1	1.80			1.80		-3.24	
							158.00	
Total Qty Work Done							854.76	Sqm
Qty Payable in this bill							854.76	Sqm

Contractor Representative

Assistant Engineer 12/4/2021

Consultant Representative

Asst. Executive Engineer 12/4/2021
Asst.Executive Engineer
Yashwanthpura Sub Division
Bruhat Bangalore Mahanagara Palike

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Item No: 91

Measurement Sheet

First and Part

Item Name: Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete

CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
		66						66.00	
		64						64.00	
							Total Qty Work Done	130.00	No's
							Qty Payable in this bill	130.00	No's

Contractor Representative

CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer 13/4/2021

Asst. Executive Engineer 13/4/2021

Asst.Executive Engineer
Yeshwanthpura Sub Division
Bruhat Bangalore Mahanagara

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Measurement Sheet
First and Part

Item No: 92

Item Name: Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)(Page - 266/ Item no.37.2)

CHAINAGE									
Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
Add MS poles		35	3.30						
							Total Qty Work Done	115.50	
							Qty Payable in this bill	115.50	Mtr
								115.50	Mtr

Contractor Representative

CITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer 12/4/2021

Asst. Executive Engineer
Yashwanthapura Sub Division

Asst. Executive Engineer
Yeshwanthpura Sub Division
Bruhat Bangalore Mahanagara Palike

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Measurement Sheet

First and Part

Item No:	93									
Item Name:	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the existing two verticle poles (M.S. rectangular bends, cutting the pipe, and fixing pipe in between the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.(Page - 266/ Item no.37.4)									
CHAINAGE		NO	L (m)	B (m)	Bl (m)	Avg B (m)	D (m)	QTY	REMARKS	
Land Mark										
		3	30.00					90.00		
		3	30.00					90.00		
		3	10.00					30.00		
								210.00	Mtr	
								210.00	Mtr	

Total Qty Work Done

Qty Payable in this bill

Contractor Representative

Consultant Representative

Assistant Engineer

15/4/2021

Asst. Executive Engineer
Yeshwanthpura Sub Division
Bruhat Bangalore Mahanagara Palike

15/4/2021

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-PIV-(13).

Measurement Sheet

First and Part

Item No:	94									
Item Name:	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint.(Page - 266/ Item no.37.3)									
	CHAINAGE		NO	L	B	BI	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
			1	30.00				2.80	84.00	
			1	30.00				2.80	84.00	
			1	10.00				2.80	28.00	
								Total Qty Work Done	196.00	Sqm
								Qty Payable in this bill	196.00	sqm

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

16/4/2021

Assistant Engineer

16/4/2021

Asst.Executive Engineer

Yeshwanthpura Sub Division

Bruhat Bangalore Mahanagara Palike

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